

**TOP SECRET RUFF**

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Attachment to

3 January 1968

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REFERENCE TO: Mission 1102-2, ICBM COMPLEX  
YOSHKAR-OLA, USSR

1. SIGNIFICANCE: EIGHT SINGLE-SILO SITES OF AN UNDETERMINED TYPE  
ARE NEWLY IDENTIFIED.
2. LOCATION: GENERALLY EAST OF THE CITY OF YOSHKAR-OLA, LOCATED  
APPROXIMATELY 400 NM ENE OF MOSCOW.
3. REMARKS: SINGLE-SILO DEPLOYMENT AT THE YOSHKAR-OLA ICBM  
COMPLEX WAS FIRST IDENTIFIED  
THE SITES ARE OF AN UNDETERMINED TYPE; NONE EXHIBITS  
THE TYPICAL SIGNATURE OR CONSTRUCTION TECHNIQUE  
NORMALLY ASSOCIATED WITH EITHER TYPE IIIC OR TYPE  
IIID SINGLE-SILO LAUNCH SITES.  
YOSHKAR-OLA IS THE 18TH ICBM COMPLEX IN THE USSR  
WHERE SINGLE-SILO CONSTRUCTION HAS BEEN IDENTIFIED,  
LEAVING THE YURYA ICBM COMPLEX AS THE ONLY ICBM  
FACILITY WEST OF THE URAL MOUNTAINS WITHOUT SINGLE-  
SILO DEPLOYMENT.

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COMPARATIVE ANALYSIS OF LAUNCH SITES 23 AND 24 AT  
THE PLESETSK MISSILE AND SPACE CENTER AND THE

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GROUP 1  
Excluded from automatic  
downgrading and declassification

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YOSHKAR-OLA SITES HAS ESTABLISHED THAT THE  
PLESETSK SITES ARE PROBABLY THE PROTOTYPES OF THE  
NEW SILOS.

CONSTRUCTION STAGES OF THE YOSHKAR-OLA SILOS ARE  
TOO EARLY TO DETERMINE THE NUMBER OF SITES TO BE  
INCLUDED IN A LAUNCH GROUP, AND CONSTRUCTION OF  
CABLE TRENCHES BETWEEN SITES HAS NOT BEEN STARTED.

4. COLLATERAL:

NONE.

5. FIRST IDENTIFICATION:

SINGLE-SILO DEPLOYMENT --

SITES 18 - 25 -- THIS MISSION.

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6. NEGATION DATE:

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7. SUBSEQUENT COVERAGE:

SINGLE-SILO DEPLOYMENT -- 1 KH-4

NEW SITES - NONE.

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8. DIMENSIONS/  
SPECIFICATIONS:

NONE.

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9. MISSION READOUT: ALL COMPONENTS OF THE COMPLEX ARE INTERPRETABLE, INCLUDING 8 NEWLY IDENTIFIED SINGLE-SILO SITES OF AN UNDETERMINED TYPE, DESIGNATED LAUNCH SITES 18 - 23, PROBABLE SITE 24, AND SITE 25. POSSIBLE LAUNCH SITES 15 AND 16 CAN NOW BE CONFIRMED. THE LEVEL OF STORES IN THE COMPLEX SUPPORT FACILITY IS QUITE LOW AND DOES NOT APPEAR TO CONTAIN HEADWORKS MATERIALS. NO EXPANSION IS OBSERVED AT THE RAIL-TO-ROAD TRANSFER POINT.

LAUNCH SITES 18, 19, 21, AND 22 ARE FIRST SEEN ON [REDACTED] 25X1  
AND SITES 20, 23, PROBABLE SITE 24, AND SITE 25 ARE FIRST SEEN ON THIS MISSION.  
SITE 18, 19, AND 22 CAN BE NEGATED ON [REDACTED] SITE 21 CAN BE 25X1  
NEGATED ON [REDACTED] AND SITES 20, 23, PROBABLE SITE 24, AND 25X1  
SITE 25 CAN BE NEGATED ON [REDACTED] 25X1

AN UNUSUAL CONSTRUCTION TECHNIQUE IS OBSERVED AT LAUNCH SITE 22. IT CONSISTS OF AN "U"-SHAPED EXCAVATION (SIMILAR TO THAT SEEN AT TYPE IIIC SITES) WITH AN UNIDENTIFIED STRUCTURE ON THE FLOOR OF THE EXCAVATION. THE ORIENTATION OF THIS EXCAVATION DOES NOT CONFORM TO EXISTING STANDARDS CURRENTLY USED IN TYPE IIIC CONSTRUCTION. FOURTEEN LARGE SUPPORT BUILDINGS ARE NEAR THIS SITE. IT APPEARS THAT SITES 7 AND 22 MAY DEVELOP INTO CONTROL FACILITIES WITHOUT AN ASSOCIATED LAUNCH SILO. HOWEVER, SITE 23 IS ONLY 1.9 NM FROM SITE 22, THE CLOSEST THAT ANY 2 SITES ARE TO EACH OTHER.

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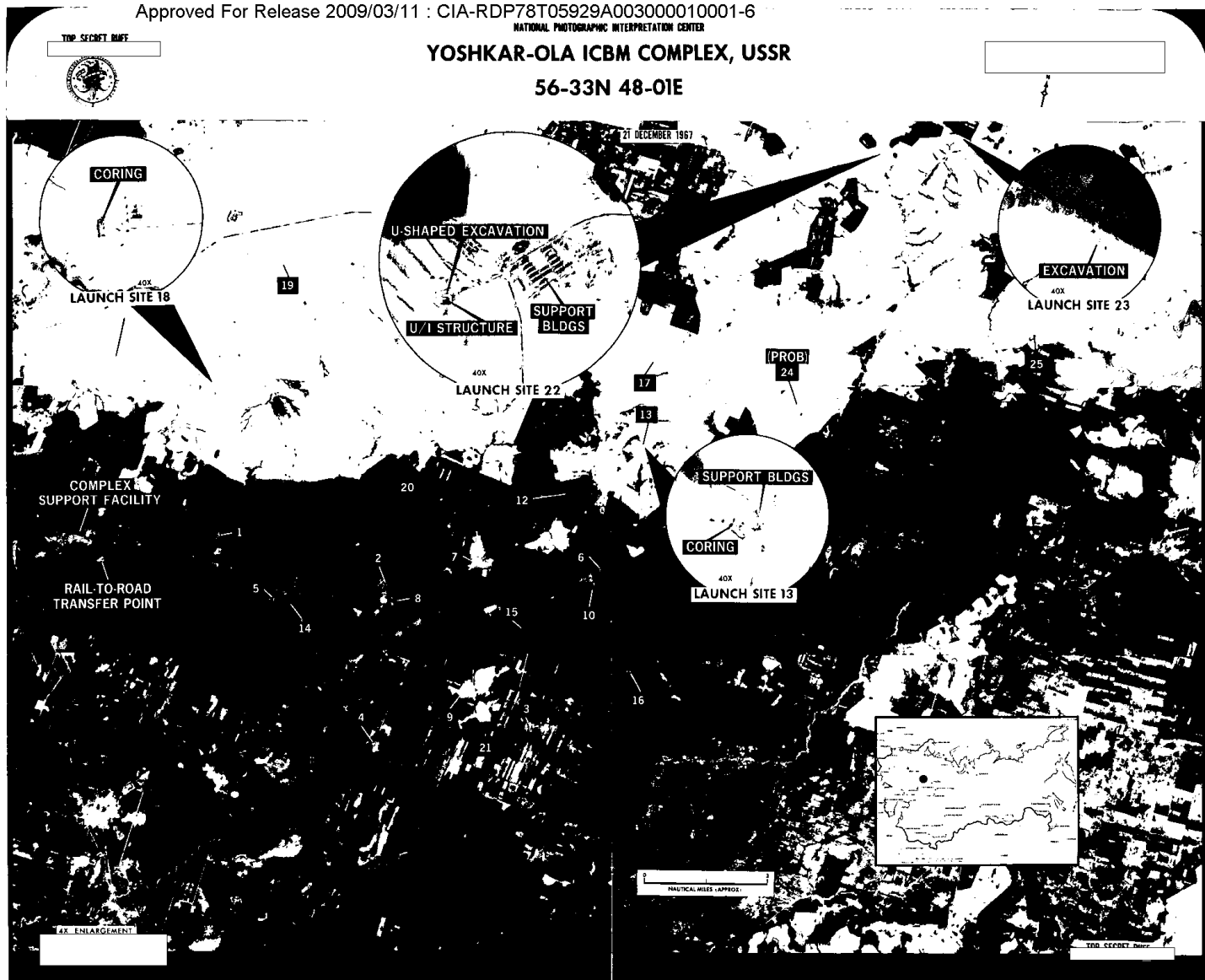
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